BARNES & THORNBURG

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IN THE UNITED STATES PATENT OFFICE

Earliest Priority	11 January 2002 (11.01.02)	Cermicate Onder 57 CFR 1.10
Date:		Express Mail No.: EV417054689US Date of Mailing: June 2004 I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450 ROM MAN. VIMM Debut 1
International Serial No.:	PCT/US03/00604	I hereby certify that this correspondence is being deposited with the United States Postal Service's
U.S. Serial No.:	Unknown	under 37 CFR 1.10 on the date above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450
Invention:	BIOMATERIAL DERIVED FROM VERTEBRATE LIVER TISSUE	Many can Estruly
Applicant:	BADYLAK, Stephen Francis; RODENBERG, Eric James	(Typed or Printed Name of Person Mailing Paper
International Filing Date:	09 January 2003 (09.01.03)	<pre>} } } }</pre>
Attorney Docket:	3220-72178	}

LETTER ACCOMPANYING DECLARATIONS AND INDICATING TEN PRACTITIONERS PURSUANT TO 37 CFR 1.32(c)(3)

Attention: DO/EO/US MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Agent for applicants BADYLAK, Stephen Francis and RODENBERG, Eric James who signed the two counterpart Declaration and Power of Attorney--Patent Application documents on 17 April 2003 (17.04.03) and 15 February 2003, respectively, for the U.S. national phase of PCT application serial no. PCT/US03/00604 filed 09 January 2003 (09.01.03) indicates the following ten (10) practitioners to be recognized by the United States Patent Office as being of record under Customer No. 23643 in the above-identified application:

Attorney Name	Attorney Registration No.
Bradford G. ADDISON	41486
Rebecca L. BALL	46535
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Kevin L. McLAREN	48351
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Jeffrey A. MICHAEL	37394
Paul B. HUNT	<u>37154</u>
Ronald S. HENDERSON	43669
James R. SWEENEY II	<u>45670</u>
Perry PALAN	26213

This Letter is being submitted to comply with 37 CFR 1.32(c)(3) effective 25 June 2004 (25.06.04) to fulfill the requirements for national entry under 35 U.S.C. 371 under the circumstance wherein the original counterpart Declaration and Power of Attorney forms were executed in accordance with 37 C.F.R. 1.497 for completion of the U.S. national phase laws in effect at the time of execution, but wherein the law changed prior to the fulfillment of entry into the national phase.

With the entry of the two executed counterpart Declaration and Power of Attorney--Patent Application forms and this letter, applicants believe that all national stage requirements have been completed and request the issuance of a Notice of Acceptance of Application under 35 U.S.C. 371 and 37 CFR 1.495.

Respectfully submitted,

Rebecca L. BALL Atty. Reg. No. 46535

Attorney for Applicants

RLB/mje/663763v1 Indianapolis, Indiana 46204 (317) 231-7511



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(PCT Rule 90.5)

ie undersigned Family name follo	person(s); owed by given name; for a	ı legal entity, full	official desig	naton. The	nddress must incl	ude postal c	de and name	of country.)
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(for several international applications filed under the Patent Cooperation Tre sty)

lame and address Family name followed by given name; for a legal entity, full official designaton. The address must include postal c de and name of country.) First, william R., Reg. No. 24023; STEIN, Arland T., Reg. No. 25062; HARRISON, Nancy J., Reg. No. 27083; CONARD, chard D., Reg. No. 27321; KULKARNI, Dilip A., Reg. No. 27510; LAMMERT, Steven R., Reg. No. 27653; EZEK, Richard A., Reg. No. 27321; KULKARNI, Dilip A., Reg. No. 27510; LAMMERT, Steven R., Reg. No. 27653; No. 37394; ADDISON, chard D., Reg. No. 27321; KULKARNI, Dilip A., Reg. No. 37154; MICHAEL, Jeffrey A., Reg. No. 37394; ADDISON, chard G., Reg. No. 41486; BAUER, Shawn D., Reg. No. 41603; POWLICK, Jill T., Reg. No. 42088; HENI SASON, Ronald S., Reg. No. 436f07 G., Reg. No. 41486; BAUER, Shawn D., Reg. No. 41603; POWLICK, Jill T., Reg. No. 46377; BAILEY, K vin D., Reg. No. 46531; addred G., Reg. No. 41486; BAUER, Shawn D., Reg. No. 51058; GEIB, Helen, Reg. No. 50924; GIF 38, Barbara S., Reg. No. 43669; SWEENEY II, James R., Reg. No. 45670; HAIGH, Christopher E., Reg. No. 46377; BAILEY, K vin D., Reg. No. 47720; LAZARUS, ALL, Rebecca, Reg. No. 46535; STEWART, Carli E., Reg. No. 51058; GEIB, Helen, Reg. No. 50924; GIF 38, Barbara S., Reg. No. 47720; LAZARUS, 1708; PALAN, Petry, Reg. No. 26213; NEWMAN, Mark M., Reg. No. 31472; KRINSKY, Richard P., Reg. No. 40965; DONOVAN, 1708; PALAN, Petry, Reg. No. 48215; GILLENWATER, Bobby B., Reg. No. 31105; COOPER, Gregory S., Reg. No. 40965; DONOVAN, 18000000000000000000000000000000000000	(PCT Rule 90.5)	7
RODENBERG, Eric James 3426 Cheswick Court, Apt. B-4 West Lafayette, IN 47906 US agent	ie uildersigned person(s). Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)	
west Lafayette, IN 47906 US ereby appoints (appoint) the following person as: ame and address amily name fallowed by given name; far a legal entity, full official designation. The address must include postal c de and name of country.) Amily name fallowed by given name; far a legal entity, full official designation. The address must include postal c de and name of country.) FEEV, William R., Reg. No. 24023; STEEN, Arland T., Reg. No. 25062; HARRISON, Nancy J., Reg. No. 27083; CONARD. FEEV, William R., Reg. No. 24023; STEEN, Arland T., Reg. No. 25062; HARRISON, Nancy J., Reg. No. 27033; BZEK, Richard A., Reg. 30796; QUICK, David B., Reg. No. 31934; JUINT, Paul I., Reg. No. 31784; J., Reg. No. 40833; BZEK, Richard A., Reg. 43606; SWEENEY H., James R., Reg. No. 4650; HARRISON, SWEENEY H., James R., Reg. No. 4650; HARRISON, SWEENEY H., James R., Reg. No. 4650; HARRISON, Reg. No. 46037; BAILEY, K. vin D., Reg. No. 4603, SWEENEY H., James R., Reg. No. 4650; HARRISON, Reg. No. 4603, SWEENEY H., James R., Reg. No. 4650; HARRISON, Reg. No. 31028, GEBB. 43606; SWEENEY H., James R., Reg. No. 2673; HEWART, Carli E., Reg. No. 51028, GEBB. 4411, Rebects, Reg. No. 6355; STEWART, Carli E., Reg. No. 31028, GEBB. 4512, HALLIN, HARRISON, ARRISON, ARRISON, Reg. No. 31028, GEBB. 4613, HALLIN, HARRISON, ARRISON, ARRISON, Reg. No. 31028, GEBB. 4614, ALLEN, Michael B., Adaption, Reg. No. 3650; HERES, Grant H., Reg. No. 35977; HAI IILL, MARY A., Reg. No. 46208, AII Appointed Agents of the Address: BAINES & GRANURG, I. South Meridian Street, Indianapolis, IN 46204, US 4615, ALLEN, Michael B., Reg. No. 37582; and ALBERS, Daniel P., Reg. No. 44008, AII Appointed Agents of the Address: BAINES & GRANURG, I. South Meridian Street, Indianapolis, IN 46204, US 4616, ALLEN, Michael B., Reg. No. 37582; and ALBERS, Daniel P., Reg. No. 44008, AII Appointed Agents of the Address: BAINES & GRANURG, I. South Meridian Street, Indianapolis, IN 46204, US 4616, ALLEN, Michael B., Allen, Michael B., Reg. No. 35977; HAI IILL, Mark A., Reg. No	••	-
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ame and address amily name followed by given name; for a legal entity, full official designation. The address must include postal c de and name of country). FFEY, William R., Reg. No. 24023; STEIN, Arland T., Reg. No. 25062; HARRISON, Nancy J., Reg. No. 27083; CONARD, Marby J., Reg. No. 27083; DEZEK, Richard A., Reg. Nard D., Reg. No. 27321; KULKARNI, Dilip A., Reg. No. 27510; LAMMERT, Steven R., Reg. No. 27653; DEZEK, Richard A., Reg. No. 30796; QUICK, David B., Reg. No. 3993; HUNT, Paul I., Reg. No. 3454; MICHAEL, Jeffrey A., Reg. No. 37394; ADDISON, 30796; QUICK, David B., Reg. No. 3993; HUNT, Paul I., Reg. No. 4503; MICHAEL, Jeffrey A., Reg. No. 37394; ADDISON, Conald S., Reg. No. 46537; STEWRER, Reg. No. 46637; BAILEY, Kind D., Reg. No. 46537; BAILEY, Kind D., Reg. No. 46505; SWENDEY II, James R., Reg. No. 45670; HAIGH, Christopher E., Reg. No. 46377; BAILEY, Kind D., Reg. No. 46536; SWENDEY II, James R., Reg. No. 45671; HAIGH, Christopher E., Reg. No. 5034; GIB S., Barbara S., Reg. No. 4770; LAZARUS, 108; PALAN, Perry, Reg. No. 26213; NEWMAN, Mark M., Reg. No. 31472; KRINSKY, Richard P., Reg. No. 4770; LAZARUS, 108; PALAN, Perry, Reg. No. 26213; NEWMAN, Mark M., Reg. No. 31472; KRINSKY, Richard P., Reg. No. 48215; GILLENWATER, Bobby B., Reg. No. 3105; COOPER, Gregory S., Reg. No. 4770; LAZARUS, 108; PALAN, Perry, Reg. No. 26213; NEWMAN, Mark M., Reg. No. 3105; COOPER, Gregory S., Reg. No. 49055; DONOVAN, 108; PALAN, Perry, Reg. No. 3231; MARTIN, Alice O., Reg. No. 35001; PETERS, Grant R., Reg. No. 35977; 11A1 IILL, Mark A., Reg. No. 31731; MARTIN, Alice O., Reg. No. 35001; PETERS, Grant R., Reg. No. 35977; 11A1 IILL, Mark A., Reg. No. 31731; MARTIN, Alice O., Reg. No. 55001; PETERS, Grant R., Reg. No. 35977; 11A1 IILL, Mark A., Reg. No. 31732; MARTIN, Alice O., Reg. No. 55001; PETERS, Grant R., Reg. No. 35077; 11A1 IILL, Mark A., Reg. No. 31732; MARTIN, Alice O., Reg. No. 450404; US and to make or receive payments on behalf of the undersigned. Signatures of the applicant(s) where there are several per	restry appoints (appoint) the following person as:	
FEFY, William R., Reg. No. 24023; SILIK, SILIKA, SILIK	The same of country.	
all the competent International Authorities to represent the undersigned before the International Searching Authority only the International Preliminary Exam sing Authority only the International Preliminary Exam sing Authority only the International Preliminary Exam sing Authority only INTERNATIONAL Preliminary International Authorities the International Preliminary Exam sing Authority only as receiving Office US as receiving Office as receiving Office Signatures of the applicant(s) (where there are several persons, each of them but sign; next to each signature. Ind sate the name of the person signs, if such capacity is not aby ious from reading this power): signing and the capacity in which the person signs, if such capacity is not aby ious from reading this power): (08.01.03) Date: OS (Lineary 2003)	FFEY, William R., Reg. No. 24023; STEIN, AIGN NO. 27510; LAMMERT, Steven R., Reg. No. 37394; ADDISON, hard D., Reg. No. 27321; KULKARNI, Dilip A., Reg. No. 27510; LAMMERT, Steven R., Reg. No. 4, Reg. No. 37394; ADDISON, hard D., Reg. No. 27321; KULKARNI, Dilip A., Reg. No. 3154; MICHAEL, Jeffrey A., Reg. No. 37394; ADDISON, hard D., Reg. No. 30796; QUICK, David B., Reg. No. 31993; HUNT, Paul B., Reg. No. 37154; MICHAEL, Jeffrey A., Reg. No. 40537, Reg. No. 40637, Reg. No. 40637, Reg. No. 46536, Reg. No. 46570; HAIGH, Christopher E., Reg. No. 46377; BAILEY, K vin D., Reg. No. 46569; SWEENEY II, James R., Reg. No. 45670; HAIGH, Christopher E., Reg. No. 69924; GIE 3S, Barbara S., Reg. No. 43669; SWEENEY II, James R., Reg. No. 46570; HAIGH, Christopher E., Reg. No. 69924; GIE 3S, Barbara S., Reg. No. 41096; SWEENEY II, James R., Reg. No. 47720; LAZARUS, LL, Rebecca, Reg. No. 46535; STEWART, Carli E., Reg. No. 51058; GEIB, Helen, Reg. No. 46504; GIE 3S, Barbara S., Reg. No. 47720; LAZARUS, LL, Rebecca, Reg. No. 26213; NEWMAN, Mark M., Reg. No. 31472; KRINSKY, Richard P., Reg. No. 40965; DONOVAN, 708; PALAN, Perry, Reg. No. 26213; NEWMAN, Mark M., Reg. No. 31105; COOPER, Gregory S., Reg. No. 40965; DONOVAN, 708; PALAN, Perry, Reg. No. 48215; GILLENWATER, Bobby B., Reg. No. 31105; COOPER, Gregory S., Reg. No. 35977; HAI IILL, Mark A., Reg. No. 1882, No. 33231; MARTIN, Alice O., Reg. No. 35601; PBTERS, Grant H., Reg. No. 35977; HAI IILL, Mark A., Reg. No. 48215; GILLENWATER, Bobby B., Reg. No. 44008, All Appointed Agents of the Address: BARNES & DANGE & Reg. No. 34008, All Appointed Agents of the Address: BARNES & Martin, Aller Reg. No. 44008, All Appointed Agents of the Address: BARNES & Martin, Aller Reg. No. 44008, All Appointed Agents of the Address: BARNES & Martin, Aller Reg. No. 44008, All Appointed Agents of the Address: BARNES & Martin, Aller Reg. No. 44008, All Appointed Agents of the Address: BARNES & Martin, Aller Reg. No. 44008, Aller Reg. No. 44008, Aller Reg. No. 44008, Aller Reg. No. 44008, Aller Reg. N	;
the International Searching Authorit / only the International Prefiminary Exam sing Authority only. the International Prefiminary Exam sing Authority only. the International Prefiminary Exam sing Authority only. In connection with any and all international applications filed by the undersigned with the following (ffice US as receiving Office as receiving Office Signatures of the applicant(s) (where there are several persons, each of them pust sign; next to each signature, and the capacity is not aby ious from reading this power): signing and the capacity in which the person signs, if such capacity is not aby ious from reading this power): (08.01.03) Date: OS (2may 2003)	145; ALLEW, International Authorities	
the International Preliminary Exam sing Authority only. It is connection with any and all international applications filed by the undersigned with the following (ffice US as receiving Office and to make or receive payments on behalf of the undersigned. Signatures of the applicant(s) (where there are several persons, each of them count sign; next to each signature, and the capacity in which the person signs, if such capacity is not abv loss from reading this power): (08.01.03) Date: 08 (Linear 2003)		
and to make or receive payments on behalf of the undersigned. Signatures of the applicant(s) (where there are several persons, each of them must sign; next to each signat ure, ind :ate the name of the person signs and the capacity in which the person signs, if such capacity is not abv ious from reading this power): (08.01.03) Date: 08 (200.03)	the International Preliminary Exam sing Authority only	
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Signatures of the applicant(s) (where there are several persons, each of them pust sign; next to each signature, Ind :ate the name of the person signs, if such capacity is not abv ious from reading this power): (08.01.03) Date: 08 (290.03)	and to make or receive payments on behalf of the undersigned.	
Date: 08 (27mary 2003)		
Date: 08 (27mary 2003)		
Date: 08 (2711111 2003		
Fric James RODENBERG	Date: 08 (2003)	

Form PCT/Model of general power of attorney (for several international applications)(July 1992)